INTERNATIONAL SEARCH REPORT

International Application No F/EP2004/006832

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 C09K11/06 H05B33/14

H01L51/30

C08G61/12

C07D209/86

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

 $\begin{array}{ll} \mbox{Minimum documentation searched (classification system followed by classification symbols)} \\ \mbox{IPC 7} & \mbox{H01L} & \mbox{H05B} & \mbox{C09K} & \mbox{C07D} & \mbox{C08G} \end{array}$

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, COMPENDEX, CHEM ABS Data .

C. DOCUM	ENTS CONSIDERED TO BE RELEVANT			
Category °	.Citation of document, with indication, where appropriate, of the relevant passages	Relevant to daim No.		
A	WO 02/077060 A (COVION ORGANIC SEMICONDUCTORS; PARHAM AMIR (DE); BECKER HEINRICH (DE)) 3 October 2002 (2002-10-03) cited in the application claim 27	1-26, 31-33		
A	US 2003/017361 A1 (FORREST STEPHEN R ET AL) 23 January 2003 (2003-01-23) claims 1,2,8	1-26, 31-33		
X	US 4 111 850 A (KWALWASSER WILLIAM DAVID) 5 September 1978 (1978-09-05) claim 7; examples	27–30		
X	US 4 125 534 A (YEE KWOK C) 14 November 1978 (1978-11-14) claim 1	27-30		
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Patent family members are listed in annex.				
 T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *&* document member of the same patent family 				
Date of mailing of the international search report				
02/11/2004				
Authorized officer				
Pollio, M				

INTERNATIONAL SEARCH REPORT



International Application No
1/EP2004/006832

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	tion) DOCUMENTS CONSIDERED TO BE RELEVANT	
ategory °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
(DATABASE WPI Section Ch, Week 197639 Derwent Publications Ltd., London, GB; Class A41, AN 1976-73516X XP002299357 & SU 474 533 A (TOMSK KIROV POLY) 12 March 1976 (1976-03-12) abstract	27-30
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Continuation of Box II, 2

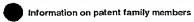
Claims 1 and 2

Bridged systems are monocyclic or condensed systems in which different parts of the system are still additionally interconnected by means of a bridge. The compound with formula (I) does not fit this definition. Therefore the subject matter of claims 1 and 2 is so unclear that it is impossible to establish a meaningful report.

Furthermore, claims 1 and 2 relate to a disproportionately large number of possible compositions. Therefore the search was directed to the parts of the claims which can be considered clear and concise, that is, mixtures containing a conjugated polymer, a triplet emitter and a compound with formula I or II.

The applicant is advised that claims relating to inventions in respect of which no international search report has been established normally need not be the subject of an international preliminary examination (PCT Rule 66.1(e)). In its capacity as International Preliminary Examining Authority the EPO generally will not carry out a preliminary examination for subjects that have not been searched. This also applies to cases where the claims were amended after receipt of the international search report (PCT Article 19) or where the applicant submits new claims in the course of the procedure under PCT Chapter II. After entry into the regional phase before the EPO, however, an additional search can be carried out in the course of the examination (cf. EPO Guidelines, Part C, VI, 8.5) if the deficiencies that led to the declaration under PCT Article 17(2) have been remedied.

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		Publication date				Publication date	
WO	02077060	Α	03-10-2002	WO	02077060		03-10-2002
				EP	1381639		21-01-2004
				US	2004135131	A1	15-07-2004
US	2003017361	A1	23-01-2003	US	2002034656		21-03-2002
				US	6097147		01-08-2000
				ΑU		Α	09-10-2000
				BR		Α	16-04-2002
				CN		T	22-05-2002
				EP	1181842		27-02-2002
				JP	2002540572		26-11-2002
				WO	0057676		28-09-2000
				AU	1807201		12-06-2001
				CN		T	23-04-2003
				EP	1252803		30-10-2002
				JP	2003515897		07-05-2003
				TW	581762		01-04-2004
				WO	0141512		07-06-2001
	•			AU	5004700		05-12-2000
				BR	0010424		13-02-2002
	•			EP	1449238		25-08-2004
				JP	2003526876		09-09-2003
				TW	500787		01-09-2002
				WO	0070655		23-11-2000
				AU	5921699		03-04-2000
				EP	1116417		18-07-2001
				JP	2002525808		13-08-2002
			ann aine ann an an Tha Bao San Air an Tao		0016593		23-03-2000
US	4111850	Α.	05-09-1978	NONE			
US	4125534	Α	14-11-1978	US	4208501	Α	17-06-1980
SU	474533	Α	25-06-1975	SU	474533	A1	25-06-1975